Claims

1. Man/machine interface method for ticket processing device (DIS) of the type comprising a magnetic read/write station (PIL), a thermal printing station (TT) and control means (UC), characterised in that the method comprises the following stages:

a) – writing to the magnetic stripe of a configuration ticket (TITC) at least certain operating parameters of the ticket processing device to be configured (DIS), and printing the said configuration parameters on the said configuration ticket (TITC), corresponding to the magnetic inscription of the said configuration parameters;

b) – inserting the configuration ticket (TITC) into the processing device to be configured (DIS);

c) – reading the content of the magnetic stripe of the configuration ticket (TITC); and

d) – storing the configuration parameters so read, which enables, on one hand, the control means (UC) to configure the functioning of the ticket processing device with the aid of the said configuration parameters so stored and, on the other, an installer to have a configuration ticket (TITC) on which the said corresponding configuration parameters are printed.

2. Method according to claim 1, characterised in that stage a) consists of programming the configuration ticket (TITC) with the aid of a chosen programming machine, comprising at least a magnetic read/write station, a thermal printing station and control means.

3. Method according to claim 1, characterised in that it comprises in addition the following stages:

1/. – capturing information relating to the activity of the ticket processing device (DIS);

2/. – storing the said information so captured; and

3/. – printing on a statement ticket (TIR) the said information so stored.

4. Method according to claim 3, characterised in that stage 3) comprises the editing of cycle and incident counters superimposed on a statement ticket (TIR) representing the device's mechanism and the elements concerned by operational functioning.

5. Method according to claim 3 or claim 4, characterised in that it comprises in addition a stage 4) in which it is planned to write on the said statement ticket (TIR), corresponding to the thermal printing, the said statement information.

6. Method according to one of the above claims, characterised in that it comprises in addition the following stages:

- i) preparing a thermal printing reference ticket (TREF3) comprising at least one printed reference mark (REH1, REV, REH2) relating to the horizontal (H), vertical (V) framing of the thermal printing or to the density (D) of the thermal print;

- ii) inserting into a ticket processing device to be adjusted the thermal printing reference ticket (TREF3);

- iii) printing at least one reference scale (H, V, D) on the thermal printing reference ticket (TREF3) in relation to the reference mark (REH1, REV, REH2); and

- iv) indicating the value of coincidence between an element of the reference scale (H, V, D) and the reference mark (REH1, REV, REH2).

7. Method according to one of the above claims, characterised in that it comprises the following stages:

- I) inserting into a ticket processing device to be adjusted a reference ticket (TREF4) comprising a magnetic stripe (PM) extending from one transversal edge (BAVT) of the ticket to the other (BART) and on the longitudinal side of the said ticket;

- II) detecting a transversal edge of the reference ticket (TREF4);

- III) writing on the magnetic stripe (PM) of the reference ticket (TREF4) a sequence of elementary reference inscriptions the start of which is delivered before the arrival of the reference ticket at the magnetic read/write station and comprising a reference mark (RE1);

- IV) counting the number of elementary reference inscriptions (SIER) so written on the magnetic stripe of the reference ticket (TREF4), up to the reference mark (RE1), and deducing from that the distance (DIDI) between optical detection of the transversal edge of the ticket and the magnetic inscription.

8. Method according to one of the above claims, characterised in that it comprises in addition a cutting position centring stage, in which it is planned to prepare a reference ticket (TREF) comprising attenuation lines, the reference ticket being inserted into the ticket processing device to be adjusted and the cut position being compared visually in relation to the attenuation lines.

9. Method according to one of the above claims, characterised in that it comprises in addition a checking stage in which the elementary

movements of the device are proceeded with function by function and/or code line by code line.

10. Man/machine interface device for ticket processing device of the type comprising a magnetic read/write station (PIL), thermal printing station (TT) and control means (UC), characterised in that it comprises means suitable for writing on the magnetic stripe of a configuration ticket (TITC), at least certain operating parameters of a ticket processing device to be configured (DIS), and means for printing on the said configuration ticket (DIS), corresponding to the magnetic programming, the said configuration parameters;

in that the read/write station (PIL) of the ticket processing device to be configured (DIS) is capable of reading the content of the magnetic stripe of the configuration ticket (TITC) inserted into the said ticket processing device to be configured (DIS); and

in that the control means (UC) comprise storage means suitable for storing the configuration parameters so read, which enables, on one hand, the control means (UC) to configure the functioning of the ticket processing device with the aid of the said configuration parameters so stored, and, on the other, the installer to have a configuration ticket (TITC) on which the said corresponding configuration parameters are printed.

11. Device according to claim 10, characterised in that it comprises means suitable for noting information relating to the activity of the ticket processing device, the storage means being suitable for storing the said information so noted, and the printing station (TT) being capable of printing onto a statement ticket (TIR) the said information so stored.

12. Device according to claim 11, characterised in that the magnetic read/write station (PIL) is capable of writing on the said statement ticket (TIR), corresponding to the thermal printing, the said statement information.

13. Device according to one of claims 10 to 12, characterised in that it comprises:

- means suitable for preparing a reference ticket (TREF4) comprising a magnetic stripe (PM) extending from one transversal edge (BAVT) of the ticket to the other (BART) and on the longitudinal side of the said ticket;

- means (DO11) for detecting a transversal edge of the reference ticket (TREF4);

- means (TM1) for writing on the magnetic stripe (PM) of the reference ticket (TREF4) a sequence of elementary reference inscriptions (SIER) the start of which is delivered before the arrival of the reference ticket (TREF4) at the magnetic write station (TM1) and comprising a reference mark (RE1); and

- means (UC) for counting the number of elementary reference inscriptions (SIER) so written on the magnetic stripe (PM) of the reference ticket (TREF4), up to the reference mark (RE1), and deducing from that the distance (DIDI) between optical detection (DO11) of the transversal edge of the ticket and the magnetic inscription (TM1).

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